

AMENDMENTS TO THE CLAIMS

Please cancel claims 36-44 and 54. Claims 1-35 were canceled in a previous paper. Claims 48-53, 56, and 57 were withdrawn in a previous paper. The following listing of claims will replace all prior versions and listings of claims in the application.

1-44. (Canceled)

45. (Previously Presented) A method for managing data, the method comprising:

over a distribution network comprising a plurality of calibration devices, obtaining calibration data from each calibration device and temporarily archiving the calibration data locally at each calibration device, generation of the calibration data being achieved in connection with physical interactions between the calibration devices and respective associated components;

receiving, over the distributed network, the calibration data from one or more of the plurality of calibrating devices;

storing the calibration data received from the one or more calibrating devices in a database such that the calibration data is organized in a standard format that can be compared with other calibration data;

comparing calibration data from one calibration device with calibration data from another calibration device; and

enabling the calibration data to be accessed by one or more network devices of a global network.

46. (Previously Presented) The method of claim 45, further comprising transmitting a message to one of the calibrating devices.

47. (Previously Presented) The method of claim 45, wherein calibration data is received concurrently from two or more of the plurality of the calibrating devices.

48. **(Withdrawn)** A method performed by a network device communicatively connected to one or more calibrating devices and a storage source within a distributed network, the method comprising:

receiving calibration data stored at each of the one or more calibrating devices, the calibration data received from each calibrating device including calibration data for each of a plurality of components previously processed by that calibrating device;

storing the received calibration data in the storage source;

accessing the stored calibration data;

identifying one or more errors in the accessed calibration data by comparing calibration data for each of the components; and

transmitting a message to an operator of the calibrating device that is associated with the calibration data containing the one or more errors.

49. **(Withdrawn)** The method of claim 48, wherein transmitting a message to an operator of the calibrating device comprises transmitting instructions pertaining to steps that the operator of the calibrating device should follow to correct the one or more errors in the calibration data.

50. **(Withdrawn)** The method of claim 48, wherein identifying one or more errors in the calibration data comprises:

searching the calibration data for components which have skipped a required procedure; and

evaluating the calibration data to determine if a particular component has been improperly calibrated.

51. **(Withdrawn)** The method of claim 50, wherein searching the calibration data for components which have skipped a required procedure comprises:

analyzing the calibration data to determine procedures required to be performed by the calibration device upon the components; and

determining if any of the required procedures are missing for any of the components.

52. **(Withdrawn)** The method of claim 48, wherein the method of managing data further comprises:

at each calibration device, after obtaining calibration data from each calibration device and before temporarily archiving the calibration data locally at each calibration device, filtering the calibration data locally at each calibration device.

53. **(Withdrawn)** The method of claim 48, wherein the method of managing data further comprises:

at each calibration device, after a certain length of time, deleting archived calibration data that is of no further use.

54. **(Canceled)**

55. **(Previously Presented)** The method of claim 45, wherein at least a portion of the method is performed at a point of manufacture of a component in connection with which some of the calibration data is obtained.

56. **(Withdrawn)** The method of claim 48, wherein the calibration data received from one of the calibration devices includes pass rate information concerning the components processed by that calibration device.

57. **(Withdrawn)** The method of claim 48, wherein the message comprises an instruction to reconfigure a portion of the calibration device from which the calibration data including the errors was obtained.